

Datasheet

MD-1 VoIP Router

(Dial up / Broadband)

Connect Port

- 1 x FXS + 1 x PSTN
- 1 x RJ-45 LAN Ethernet 10/100 Port (option 3 x RJ-45 LAN Ports)
- 1 x RJ-45 WAN Ethernet 10/100 Port

Voice Processing

- Audio CODEC: G.729, G.723.1, G.711 A-law/u-law, G.726
- Transparent pass through
- G.168 echo cancellation
- Carrier tone detection and generation
- Silence suppression and comfort noise
- DTMF Out band Relay (FXS)
- DTMF detection and generation (FXS)
- Q.931 Fast Start
- Support Caller ID (FSK)

Voice Signaling

- Support SIP & H.323 simultaneous VoIP calls
- Support SIP v2.0 Standard (RFC3261)
- NAT Traversal
 - Outbound Proxy
 - STUN Server
- Register up to 4 Server simultaneously
- Adaptive Jitter Buffer function
- Multiple call profile for different parameters

Route Functions

- Support static and dynamic IP from DHCP, PPPoE, PPPASYNC modes
- Build-in DHCP Server
- Dynamic DNS Support
- Support Network access rules (LAN to WAN & WAN to LAN)
- Self-Protection against DoS Attacks
- Support NAT through function
- Supported Protocol: UDP, TCP, NAT, TFTP, FTP, HTTP, TELNET, IEEE 802.3/ IEEE 802.3u
- Support SNMP, SNTP, HTTP, FTP, NAT, DNS, uPnP, DDNS
- NAT function: Virtual Server, Port mapping, ALG, DMZ, Static routing table
- Firewall option: Client filtering, URL filtering, MAC control, Drop Port scans
- Support IP TOS (Type of Service) for VoIP

VoIP/PSTN smart call router

- IP/PSTN Dual Accesses –Incoming and outgoing calls from both IP and PSTN networks use the same POTS phone set.
- Smart routing select between VoIP and PSTN by prefix number
- Maintain the call by bypass relay when power failure (metallic bypass)
- Direct analog bypass route when call between Line and Phone

Management

- Auto-Provisioning Via Automated Centralized Configuration File
- Web Interface Management
- Configuration Restore/Backup
- TELNET
- 1 Reset button for load factory default.

LED Indicators

- Power, Ready, WAN, LAN, LINE, PHONE

Power

- External AC Power Adapter
- 12V DC, 400mA

Temperature

- Operation: 0° C to 50° C

Humidity

- Up to 95% Non-Condensing

Dimensions

- 145 x 133 x 30 mm (W/D/H)
- Weight : 355g

Warranty

- One Year Limited Warranty

Dial up / Broadband

Dial up and broadband selective for VoIP call

H.323 & SIP simultaneously support!

Deploy into any multimedia, interactive, or softswitch network with the leading call and session signaling protocol

Register up to 4 SIP or H.323 accounts mixable simultaneously!

Flexible registration for different VoIP Route plan

Firewall, NAT, DHCP, PPPoE

Connect to any broadband or access provider, serve the whole network, and secure your data. User configurable IP services ensures every host which can connect to the WAN.

Auto Provision Server

Easy to Upgrade, by remote configuration, via Provision System.

Setup Web UI

